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**Elberbaum**

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[54] **DATA TRANSMITTER FOR SELECTIVELY TRANSMITTING DATA TO RECEIVERS VIA TRANSMISSION LINES SWITCHED ON OR OVER IN SYNCHRONIZATION WITH AN EXTERNAL SYNCHRONIZING SIGNAL**

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[75] Inventor: **David Elberbaum**, Tokyo, Japan

*Primary Examiner*—Victor R. Kostak  
*Attorney, Agent, or Firm*—Helfgott & Karas, P.C.

[73] Assignee: **Elbex Video, Ltd.**, Tokyo, Japan

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[52] U.S. Cl. .... **348/705; 348/706**

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[57] **ABSTRACT**

An apparatus for selecting information signals includes a plurality of transmitters, each of which processes an electrical information signal preferably including a video signal. A plurality of receivers selectively receive that video signal. A plurality of information transmission lines connect each receiver to the plurality of transmitters. A generator for generating an external synchronizing signal generates and feeds an external synchronizing signal to the plurality of transmitters and the plurality of receivers.

[56] **References Cited**

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**21 Claims, 12 Drawing Sheets**

